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SEP 03 2002

TECH CENTER 1600/2900

In re Application of:

Beachy, et al.

Application No: 09/688,076

Filed: October 13, 2000

For: Regulators of the Hedgehog Pathway,
Compositions and Uses Related
Thereto

Examiner: To be assigned

Art Unit: 1623

Attorney Docket No. JHUC-P01-016

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231

on August 21, 2002
Date


Brent LaBerge

Commissioner for Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

Petition under 37 C.F.R. 1.48(a) to Correct Inventorship

Sir:

Applicant Philip A. Beachy hereby petitions the Commissioner to amend the above-identified application by adding the names of James K. Chen and Anssi Jussi Taipale as co-inventors.

REMARKS

This petition is submitted in accordance with 37 C.F.R. 1.48(a) to convert the above-identified application from an application of Philip A. Beachy to an application of Philip A. Beachy, James K. Chen, and Anssi Jussi Taipale. These three individuals are the actual inventors of the invention described and presently claimed in the application.

ATTACHMENTS

Accompanying this petition are

(a) Statements by the added inventors, James K. Chen and Anssi Jussi Taipale, establishing that the error occurred without deceptive intent,

(b) A statement of consent by the Assignee to the change of inventorship hereby petitioned,


(c) a declaration/oath of inventorship executed by James K. Chen and Anssi Jussi Taipale as required by 37 C.F.R. 1.63, and

(d) a copy of the assignment from the added inventors (to be submitted for recordation separately).

FEE PAYMENT (37 CFR 1.17(i))

The Commissioner is hereby authorized to charge \$130.00 to cover the petition fee to Deposit Account 18-1945. Please charge any additional fees and credit any overpayments to Deposit Account No. **18-1945**.

Respectfully submitted,
ROPES AND GRAY

By 

David P. Halstead

Registration No. 44,735

Telephone (617) 951-7615

Facsimile (617) 951-7050

August 21, 2002
Customer ID 28120

ASSIGNMENT

WHEREAS, each of the Undersigned has developed certain inventions described in U.S. patent application titled:

REGULATORS OF THE HEDGEHOG PATHWAY, COMPOSITIONS AND USES RELATED THERETO

filed as U.S. Application No. 09/688,076 on October 13, 2000; and has full right to convey their entire interest, both legal and equitable, in and to said inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, **JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE** ("ASSIGNEE"), a university with offices at 720 Rutland Avenue, Baltimore, MD 21218-5210, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

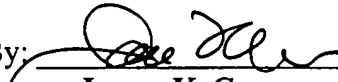
NOW, THEREFORE, in consideration of the sum of One Dollars (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each of the Undersigned, each of the Undersigned hereby sells, assigns and transfers unto said ASSIGNEE, its successors and assigns, their entire right, title and interest in and to said invention or inventions, as described in the aforesaid application and all applications resulting therefrom, including any and all divisions, continuations, continuations in part, substitute applications, and reissues or extensions thereof; and all resulting patents.

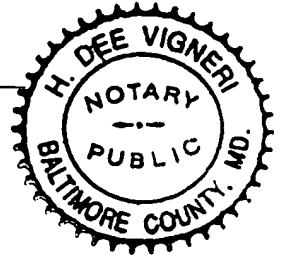
AND each of the Undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns; the Undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE.

AND, each of the Undersigned further agrees, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; to testify in any interference or other legal proceedings, whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to generally do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

Each of the undersigned hereby authorizes Ropes & Gray, of One International Place, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

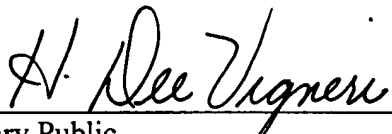
WITNESS my hand this 8th day of August, 2002.

By: 
JAMES K. CHEN




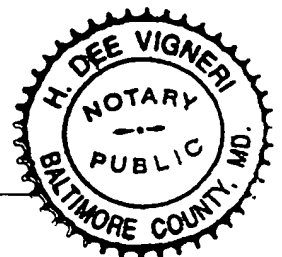
State/Commonwealth)
Of Maryland)

On this the 8 day of August, 2002, before me personally appeared JAMES K. CHEN, to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.


Notary Public
My Commission expires 10-01-05


WITNESS my hand this 8th day of August, 2002.

By: 
ANSSI J. TAIPALE



State/Commonwealth)
Of Maryland)

On this the 8 day of August, 2002, before me personally appeared ANSSI J. TAIPALE, to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.


Notary Public
My Commission expires 10-01-05



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Commissioner for Patents
U.S. Patent and Trademark Office
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Statement of Facts by Anssi Jussi Taipale

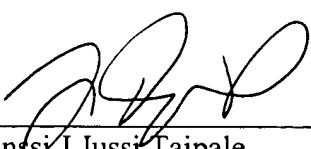
Sir:

I, Anssi Jussi Taipale, residing at 221 Ridgemedede Rd., Apt 307, Baltimore, MD 21210 hereby state that:

1. I was inadvertently omitted as an inventor in the above-identified application, hereinafter called the "referenced application".
2. The referenced application was filed as an application of Philip A. Beachy and presents claims directed to Regulators of the Hedgehog Pathway, Compositions and Uses Related Thereeto.
3. The inadvertent omission of my name as an inventor occurred without any deceptive intent.

The undersigned declares further that all statements made herein of his own knowledge are true and all statements made on information and beliefs are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

Date: 8/8/02


Anssi J Jussi Taipale



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Examiner: To be assigned

Art Unit: 1623

Attorney Document No. JHUC-P01-016

Commissioner for Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

Statement of Facts by James K. Chen

Sir:

I, James K. Chen, residing at 1234 S. Charles Street, 1st floor, Baltimore, MD 21230 hereby state that:

1. I was inadvertently omitted as an inventor in the above-identified application, hereinafter called the "referenced application".
2. The referenced application was filed as an application of Philip A. Beachy and presents claims directed to Regulators of the Hedgehog Pathway, Compositions and Uses Related Thereto.
3. The inadvertent omission of my name as an inventor occurred without any deceptive intent.

The undersigned declares further that all statements made herein of his own knowledge are true and all statements made on information and beliefs are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

Date: 8/8/02


James K. Chen



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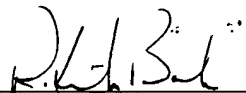
Commissioner for Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

Consent of Assignee

Sir:

Assignee, Johns Hopkins University School of Medicine, a university with offices at 720 Rutland Avenue, Baltimore, MD 21218-5210, hereby consents to Petitioner/Inventor's request to amend the inventorship under 37 C.F.R. §1.48(a), to add James K. Chen and Anssi Jussi Taipale as co-inventors in the present application.

Respectfully submitted,
Johns Hopkins University School of Medicine

By: 

Name: **R. Keith Baker, Ph.D.**

Title: **Director Office of Technology Licensing**

Date: 8/12/02



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DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

REGULATORS OF THE HEDGEHOG PATHWAY, COMPOSITIONS AND USES
RELATED THERETO

the specification of which was filed on October 13, 2000 as Application No. 09/688076.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such foreign applications have been filed

☐ such foreign application have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			___ Yes No ___
			___ Yes No ___
			___ Yes No ___

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

☐ no such U.S. provisional applications have been filed.

☒ such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/229,273	August 30, 2000	<u> x </u> Yes No ___
60/159,215	October 13, 1999	<u> x </u> Yes No ___
		___ Yes No ___

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

☒ no such U.S./PCT applications have been filed.

☐ such U.S./PCT application have been filed as follows:

Application Number	Date of Filing	Status (Patented/Pending/Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

Madeline F. Baer	36,437	David P. Halstead, Ph.D.	44,735	Christopher Natkanski	50,365
Steven Baglio	P-51,426	Daniel Hansburg	36,156	John D. Quisel	47,874
J. Steven Baughman	47,414	Edward J. Kelly	38,936	Spencer H. Schneider	45,923
Mark W. Bellomy	P-51,452	Charles Larsen	48,533	Sanjay Sitlani	48,489
Johnny Y. Chen	46,614	Agnes S. Lee	46,862	Wolfgang E. Stutius	40,256
Gregory Glover	34,173	Paul E. Lewkowicz	44,870	Anita Varma	43,221
William G. Gosz	27,787	Yu Lu	50,306	Matthew P. Vincent	36,709
Patricia Granahan	32,227	Robert A. Mazzaresse	42,852	Dalila Arguez Wendlandt	P-52,351

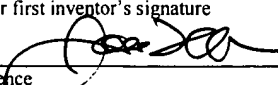
all of **Ropes & Gray**, One International Place, Boston, Massachusetts 02110-2624, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

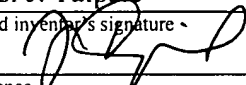
Please mail all correspondence to Matthew P. Vincent, whose address is:

Ropes & Gray
One International Place
Boston, Massachusetts 02110-2624

Please direct telephone calls to: Matthew P. Vincent at (617) 951-7739.

Please direct facsimiles to: (617) 951-7050

Full name of sole or first inventor James K. Chen	
Sole or first inventor's signature 	Date 8/8/02
Residence Baltimore, Maryland	
Citizenship US	
Mailing Address 1234 S. Charles Street, 1st floor Baltimore, Maryland 21230	

Full name of second inventor, if any Anssi J. Taipale	
Second inventor's signature 	Date 8/8/02
Residence Baltimore, Maryland	
Citizenship US	
Mailing Address 221 Ridgemedede Rd., Apt 307 Baltimore, Maryland 21210	

Full name of third inventor, if any	
Third inventor's signature	Date
Residence	
Citizenship	
Mailing Address	

Full name of fourth inventor, if any	
Fourth inventor's signature	Date
Residence	
Citizenship	
Mailing Address	